

Архангельск (8182)63-90-72
Астана (7172)727-132
Астрахань (8512)99-46-04
Барнаул (3852)73-04-60
Белгород (4722)40-23-64
Брянск (4832)59-03-52
Владивосток (423)249-28-31
Волгоград (844)278-03-48
Вологда (8172)26-41-59
Воронеж (473)204-51-73
Екатеринбург (343)384-55-89
Иваново (4932)77-34-06

Ижевск (3412)26-03-58
Иркутск (395)279-98-46
Казань (843)206-01-48
Калининград (4012)72-03-81
Калуга (4842)92-23-67
Кемерово (3842)65-04-62
Киров (8332)68-02-04
Краснодар (861)203-40-90
Красноярск (391)204-63-61
Курск (4712)77-13-04
Липецк (4742)52-20-81
Киргизия (996)312-96-26-47

Магнитогорск (3519)55-03-13
Москва (495)268-04-70
Мурманск (8152)59-64-93
Набережные Челны (8552)20-53-41
Нижний Новгород (831)429-08-12
Новокузнецк (3843)20-46-81
Новосибирск (383)227-86-73
Омск (3812)21-46-40
Орел (4862)44-53-42
Оренбург (3532)37-68-04
Пенза (8412)22-31-16
Россия (495)268-04-70

Пермь (342)205-81-47
Ростов-на-Дону (863)308-18-15
Рязань (4912)46-61-64
Самара (846)206-03-16
Санкт-Петербург (812)309-46-40
Саратов (845)249-38-78
Севастополь (8692)22-31-93
Симферополь (3652)67-13-56
Смоленск (4812)29-41-54
Сочи (862)225-72-31
Ставрополь (8652)20-65-13
Казахстан (772)734-952-31

Сургут (3462)77-98-35
Тверь (4822)63-31-35
Томск (3822)98-41-53
Тула (4872)74-02-29
Тюмень (3452)66-21-18
Ульяновск (8422)24-23-59
Уфа (347)229-48-12
Хабаровск (4212)92-98-04
Челябинск (351)202-03-61
Череповец (8202)49-02-64
Ярославль (4852)69-52-93

<https://guide.nt-rt.ru> || ged@nt-rt.ru

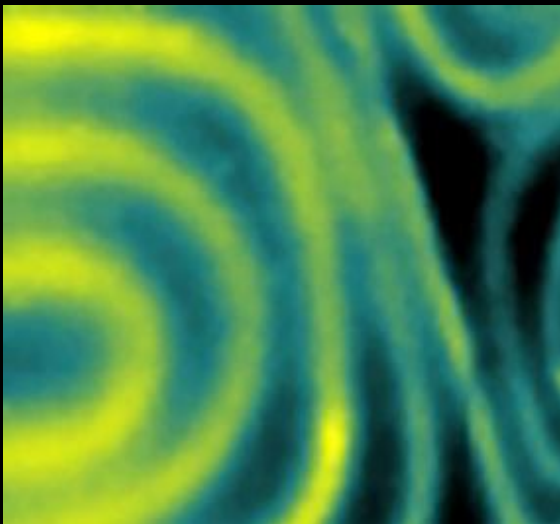
P Series

Pocket-sized Thermal Camera



Building Diagnostics
HVAC Inspection
Facilities maintenance
Electrical Application

P120V Pocket-sized Thermal Camera designed for electrical equipment maintenance and building inspection, which can fast detect the potential problems, report repair data and share images by Wi-Fi. It is a truly handy thermal camera that fits in your pockets for fast and accurate thermal inspections anytime. P120V featured with 3.5-inch LCD touchscreen for simple operation, and support picture-in-picture, smooth zoom, max and min temperature alarm, Cloud Service and more.



- **-20°C-400°C wide measurement range**
Auto switching between -20°C-150°C and 150°C-400°C
- **Reasonable Layout and Good Ergonomic Design**
No interfere between lens area and grip area
- **3.5" Touchscreen Display**
High-brightness LCD, 320 x 240 pixels
- **Android Platform, Intelligent Operation**
User-friendly design based on Android system, which is as simple as using a smartphone.
- **Wi-Fi connectivity , support Cloud Service**
Wi-Fi connectivity enabled for remote control and instant sharing. And support Cloud Album, you can back up the images to the Cloud in real-time.

Specifications

Model	P120V
IR image & Optical	
IR Resolution	120x90 @17µm
Detector type	VOx/7.5~14µm
Frame Rate	15HZ/9HZ
Thermal Sensitivity / NETD	60 mk
Focal Length	2.28mm/F1.13
Field of view(FOV)	50°x38°
Spatial Resolution(IFOV)	7.6mrad
Focus	Focus-free
Visible Camera	
Visible Camera Resolution	320x240, Focus-free
Flashlight	Yes (on/off/flash)
Image Display	
Display	3.5" LCD touchscreen display
Display Resolution	320x240
Image modes	IR, Visible, Picture-in-Picture, MIF
Color Palettes	6:Hot Iron, Black Heat, Heat Iron, White Heat, Medical, Arctic
Digital zoom	Smooth zoon, up to 8X
	Auto,Semi-automatic, Manual
Temperature Measurement	
Measurement Range	-20°C-150°C , 100°C-400°C (Auto switching)
Accuracy	±2°C or ±2%, whichever is greater (target temp ≥0°C, ambient temp is 15°C ~ 30°C)
Measurement Spot	Center spot , and can add one removable measurement spot
Measurement Area	Can add one removable area measurement box
Auto Max & Min Temp Tracking	Full screen auto max & min temp. tracking Analysis target (area) max & min temp. tracking
Full Screen Max & Min Temp. Alarm	Yes
Image Storage	
Storage Media	4G Internal memory , at least 500 sets of images
IR Image Format	Full Radiometric (JPG)
Visible Image	Yes
Connections & Communications	
USB	Type-C, for image data transmission with PC
WIFI	Yes, Wi-Fi enabled for data transmission
Mobile APP	Yes , and support Cloud Service
PC IR Analysis Software	Yes
Power system	
Battery Type	Built-in rechargeable li-thium battery, non- removable
Battery Operating Time	≥2 hours (when wifi-off)
Charging Time	≤1.5 hours
Environmental parameters	
Operating Temperature	-10°C~50°C
Storage Temperature	-40°C~70°C
Encapsulation	IP54, 1-meter drop test
Certification	CE, FCC, ROHS
Weight	240g
Size	133mm*87mm*24mm

Архангельск (8182)63-90-72
 Астана (7172)727-132
 Астрахань (8512)99-46-04
 Барнаул (3852)73-04-60
 Белгород (4722)40-23-64
 Брянск (4832)59-03-52
 Владивосток (423)249-28-31
 Волгоград (844)278-03-48
 Вологда (8172)26-41-59
 Воронеж (473)204-51-73
 Екатеринбург (343)384-55-89
 Иваново (4932)77-34-06

Ижевск (3412)26-03-58
 Иркутск (395)279-98-46
 Казань (843)206-01-48
 Калининград (4012)72-03-81
 Калуга (4842)92-23-67
 Кемерово (3842)65-04-62
 Киров (8332)68-02-04
 Краснодар (861)203-40-90
 Красноярск (391)204-63-61
 Курск (4712)77-13-04
 Липецк (4742)52-20-81
 Киргизия (996)312-96-26-47

Магнитогорск (3519)55-03-13
 Москва (495)268-04-70
 Мурманск (8152)59-64-93
 Набережные Челны (8552)20-53-41
 Нижний Новгород (831)429-08-12
 Новокузнецк (3843)20-46-81
 Новосибирск (383)227-86-73
 Омск (3812)21-46-40
 Орел (4862)44-53-42
 Оренбург (3532)37-68-04
 Пенза (8412)22-31-16
 Россия (495)268-04-70

Пермь (342)205-81-47
 Ростов-на-Дону (863)308-18-15
 Рязань (4912)46-61-64
 Самара (846)206-03-16
 Санкт-Петербург (812)309-46-40
 Саратов (845)249-38-78
 Севастополь (8692)22-31-93
 Симферополь (3652)67-13-56
 Смоленск (4812)29-41-54
 Сочи (862)225-72-31
 Ставрополь (8652)20-65-13
 Казахстан (772)734-952-31

Сургут (3462)77-98-35
 Тверь (4822)63-31-35
 Томск (3822)98-41-53
 Тула (4872)74-02-29
 Тюмень (3452)66-21-18
 Ульяновск (8422)24-23-59
 Уфа (347)229-48-12
 Хабаровск (4212)92-98-04
 Челябинск (351)202-03-61
 Череповец (8202)49-02-64
 Ярославль (4852)69-52-93